

# Tokenization

# The Intelligent Finance in the Future of Global Debt Markets

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most bonds remain  
illiquid, expensive to issue, and complex to trade

Tokenization changes that  
we unlock a future where issuance, trading, and settlement  
become instant, transparent, and borderless

the next generation of fixed income is  
digital, data-driven, accessible to all

# Why Tokenization Matters for Business

- Cuts **issuance costs** by up to 50 %
- Enables **real-time settlement** and **fractional ownership**
- Reduces back-office effort through **smart-contract** automation
- Delivers built-in **compliance** and transparent **audit** trails

# The Tokenization Process (8 Strategic Phases)

- 1. Structuring & Legal Setup** – *define the bond and regulatory framework*
- 2. Technology Selection** – *choose blockchain and smart contract standards*
- 3. Token Issuance** – *create digital representations of the bond*
- 4. Listing & Distribution** – *access global digital exchanges*
- 5. Settlement & Custody** – *integrate with existing financial infrastructure*
- 6. Lifecycle Automation** – *manage coupons and redemption automatically*
- 7. Liquidity & Analytics** – *enable 24/7 trading and real-time reporting*
- 8. Governance & Compliance** – *maintain regulatory trust and transparency*

## Real-World Momentum

**World Bank “bond-i” – AUD 110 M blockchain bond**

**European Investment Bank (EIB) – €100 M tokenized bond on Ethereum, settled with a digital euro**

**UBS & SIX Digital Exchange – CHF 375 M dual-listed digital bond**

**HKMA Green Bond – HKD 800 M tokenized ESG issuance**

**JP Morgan Onyx – over \$1 trillion tokenized repo transactions and bond transactions**

## Platforms and Infrastructure

### Leading platforms

- **SIX Digital Exchange (Switzerland)** – institutional-grade issuance and trading
- **Luxembourg Stock Exchange** – digital bond visibility under EU regulation
- **SG-FORGE (France)** – green and corporate bond tokenization
- **BondbloX (Singapore)** – fractional bond exchange for global investors
- **Clearstream D7 (Germany)** – post-trade digital infrastructure

# Business Impact & Market Opportunity

**Tokenized Bond Market could exceed \$3–5 trillion by 2030**

**Faster capital formation** for issuers

**Reduced operational costs** via automation

**Broader investor reach** through fractional participation

**Improved ESG reporting** through on-chain traceability

**Enhanced liquidity** with 24/7 markets

# Why Dubai is an Ideal Hub for Tokenized Bonds

## Strategic Advantage of Dubai

**Regulatory Clarity:** DFSA (Security Tokens) & VARA (Digital Assets) enable compliant issuance.

**Infrastructure Strength:** FinTech Hive, blockchain custody, and AI integration for full lifecycle management.

**Global Connectivity:** Bridges Europe, Asia & Africa; tax-efficient, 24/7 trading zone.

**ESG Leadership:** Net Zero 2050 strategy supports sustainable and green tokenized bonds.

**Investor Confidence:** Institutional ecosystem (Crypto.com, UBS, Mashreq, Ripple) already operating in Dubai.

# Stablecoins: The Gateway to Tokenization in Finance

## 1 What They Are

Blockchain-based digital tokens **pegged to fiat currencies** (USD, EUR, HKD)  
Represent the **bridge between traditional money and tokenized assets**

## 2 Why They Matter

Enable **real-time settlement (T+0)** and **cross-border payments** without intermediaries  
Act as **tokenized cash reserves**, powering trading, DeFi, and tokenized bond markets  
Drive the **transition from deposits to programmable money**

## 3 Global Momentum

**US:** GENIUS Act (2025) establishes stablecoin regulation  
**Hong Kong:** Licensed HKD-backed stablecoins underway  
**Dubai:** DFSA & VARA exploring regulated digital cash models

# The Strategic Road Ahead

Institutions must focus on three priorities:

## Partnerships

Collaborate with regulators, fintechs, and blockchain platforms

## Compliance by Design

Integrate legal, AML/KYC, and audit functions directly into smart contracts

## Adoption Strategy

Start small — pilot, evaluate, then scale across asset classes

**Tokenization makes bonds  
programmable, transparent, globally tradable**

**Tokenization brings trust and efficiency  
into one digital ecosystem**

**Those who embrace it early  
will lead the next generation of capital markets**



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Join the conversation share your perspectives on the future of finance

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